



Are we there yet?

Setting and Meeting Your Green Procurement Goals

Pat Rippey

Environmental Scientist



US Army Center for Health Promotion
and Preventive Medicine

The views expressed in this presentation are those of the author and do not reflect the official policy or position of the Department of Army, Department of Defense, or the U.S. Government.

Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE MAY 2009		2. REPORT TYPE		3. DATES COVERED 00-00-2009 to 00-00-2009	
4. TITLE AND SUBTITLE Are We There Yet? Setting and Meeting Your Green Procurement Goals				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) US Army Center for Health Promotion and Preventive Medicine,Aberdeen Proving Ground,MD,21010				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES Presented at the NDIA Environment, Energy Security & Sustainability (E2S2) Symposium & Exhibition held 4-7 May 2009 in Denver, CO.					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 22	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			

Is Green Procurement



Just too BIG??



Presentation Overview

- The Environmental Management System (EMS) as a Framework for Green Procurement Goals
 - DOD GP Policy and Strategy
- Setting Objectives
- Targets that Measure Performance
- Basic Question:

How will we measure success?

Key EMS Terms

- **Objective** – overall environmental goal that an organization sets itself to achieve.
“What do we ultimately want to accomplish?”
- **Target** – achievable, measurable action that is completed within a given time frame, that moves toward achieving an objective.
 - **Tasks or Environmental Management Programs** - smaller actions undertaken to achieve targets
“What/how/when are we going to do it?”
- **Environmental Performance Indicator** – what will be measured to indicate success in completing a target.
“What units will we measure?”

Setting Your Objectives – What is the Ultimate Goal?

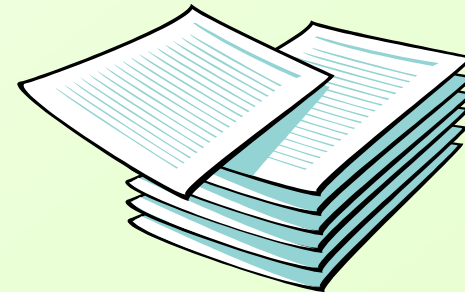
- Objectives
 - Based on Significant Environmental Concerns (significant aspects)
 - Aligned with Sustainability and Environmental Goals
 - Include Legal and Other Regulatory Requirements (e.g., Exec Order)
 - Be Consistent with Environmental Policy
 - Reflect Views of Interested Parties



EO 13423

Strengthening Federal Environmental, Energy, and Transportation Management

- **Increase Green Procurement**
 - Require in agency acquisitions of goods and services (i) use of sustainable environmental practices, including acquisition of biobased, environmentally preferable, energy-efficient, water-efficient, and recycled-content products, and (ii) use of paper of at least 30 percent post-consumer fiber content



Objectives

- Example of Green Procurement Objective:
 - Increase Green Procurement of Goods and Services Within Installation Control, (with emphasis on Biobased, Environmentally Preferable, Energy-efficient, Water-Efficient, and Recycled-Content Products)



Considerations for Targets



- Objectives should be long-term, Targets short-term
 - Set interim performance targets to achieve objectives
 - Pick ‘doable’ targets – at least some actions should be achievable in current year
- Develop Targets that complement installation strategic planning goals and incorporate future initiatives
 - Army/DoD Driven: BRAC, Deployments, Joint Basing
 - Locally/State Driven: Transportation, Regulation, Encroachment
- Prioritize Targets based on benefit with respect to environmental impacts
 - Keep list of future targets

Considerations for Targets



- Pick Targets that can be measured
- Use/amend existing data collection procedures when possible
- Give credit for actions already in place
- Consider that EMS milestones require procedures to be established for contractors, suppliers and tenants
 - Communicate relevant action plans to suppliers and stakeholders

Target Checklist



- Ask these questions when developing targets
 - Does it support a specific objective?
 - Is it quantitative?
 - Is it realistic?
 - Is it measurable, and related to a baseline and normalization metric?
 - Does it have a due date?
 - Who is responsible?



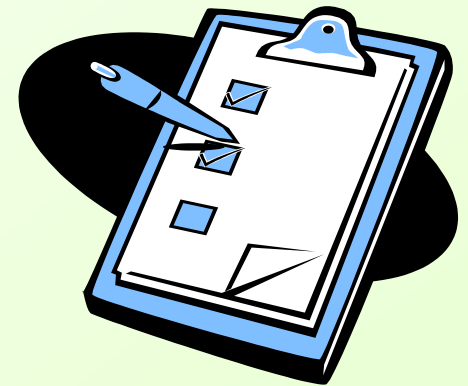
Examples - Initial GP Targets

- Provide GP training to procurement officials, purchase card holders, and requirements generators by 30 Jun 09.
- Increase number of green products offered in onpost office supply store by 31 Dec 09 compared to baseline 31 Dec 08.
- Ensure all new contracts include GP FAR provisions and clauses (where applicable) by 30 Sep 09.
- Ensure 95% of new IT purchases (computers and monitors) meet EPEAT* standards by 30 May 09

*Electronic Product Environmental Assessment Tool

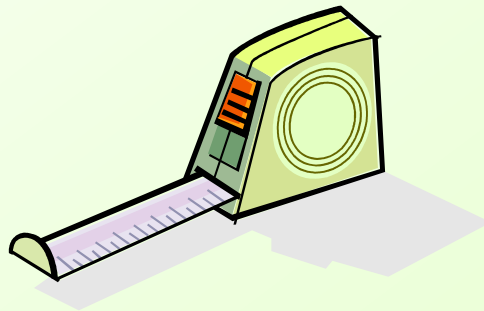
GP Targets/Actions

- Develop GP policy and plan
- Develop and issue procedures for incorporating GP into purchasing decisions and processes
- Include GP in inspection checklists
- Focus on one GP aspect, such as green meetings



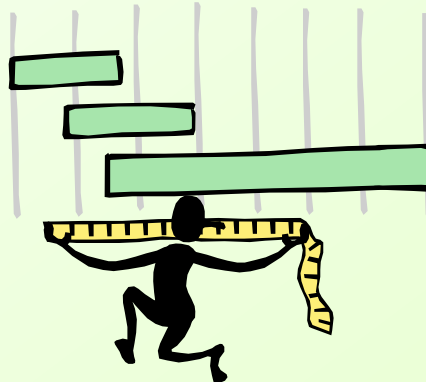
Environmental Performance Indicators (EPI)

- Environmental targets should be quantified where practicable. Environmental Performance Indicators are the units used to quantify the targets.
 - Gallons per person per day
 - Percent waste diverted



Environmental Performance Indicators

- ~~What Should We Measure?~~
- ~~What Can We Measure?~~
- What Do We Already Measure?



Measuring GP



- What is already tracked for Green Procurement?
 - Purchases from Federal supply sources (Defense Logistics Agency's (DLA) Green Procurement Report)
 - Federal Acquisition Regulation (FAR) Clauses in contracts – Federal Procurement Data System
- What is tracked that could be modified to measure GP performance?
 - Onpost supply store stock and purchases
 - Purchase card transactions
 - Other Site-Specific Data



Environmental Reporting Logistics System (ERLS)

DLA's Green Procurement Report

- Tracks and reports recycled, biobased, and other green products purchased by Federal agencies
- Tracks products purchased from DLA and GSA – using environmental attribute codes (recycled-content, biobased, energy efficient, low VOC, low standby power, water conserving, asbestos alternatives, mercury alternatives)
- Provides data at DOD Acquisition Activity Code (DODAAC) and installation level
- Data source for DOD Green Procurement Program metrics

FAR Provisions and Clauses

- Provision **52.223-1**, Biobased Product Certification
- Clause **52.223-2**, Affirmative Procurement of Biobased Products Under Service and Construction Contracts
- ★ • Provision **52.223-4**, Recovered Material Certification (for Recycled-Content Products)
- ★ • Clause **52.223-9**, Estimate of Percentage of Recovered Material Content for EPA-Designated Products
- Clause 52.223-15, Energy Efficiency in Energy-Consuming Products, requires contractors to ensure that energy-consuming products are energy efficient products
- Clause 52.223-16, Standard for the Environmental Assessment of Personal Computer Products

- **Clauses aren't enough! How do we ensure that contractors are supporting our Green Procurement goals?**





Keys to Contractor Compliance

- Incorporate the technical requirements related to GP objectives and targets into the contract specifications
- Require submittals by the contractor that enable reporting and confirm objectives are being met
- Require written justifications from the contractor for not meeting GP procurement preferences
- Provide awareness training to contractors
- Hold pre-award and/or post-award meetings to reinforce objectives
- Confirm that product deliverables meet specified guidelines

A decorative graphic on the left side of the slide, featuring stylized green leaves, vines, and small white and blue flowers against a light green background.

Other Potential EPIs

- Personnel trained in GP
- Green products offered in onpost office supply store
- Inspection findings for purchase card holders or procurement officials
- GP audit or other compliance findings for product storage areas (hazardous materials)
- Percent of paper purchases meeting 30% post-consumer content
- Number of suppliers/vendors committing to providing green products

Green Procurement



For Information or Assistance with:

- Development of Facility GP Plans
- GP Onsite Training
- GP Audits

Contact:

Pat Rippey

**US Army Center for Health Promotion
and Preventive Medicine
(USACHPPM)**

Aberdeen Proving Ground, MD

DSN 584-5201

Comm (410) 436-5201

Pat.Rippey@us.army.mil

